

**VS-50RIA100 Information**


For Reference Only

**Part Number** VS-50RIA100  
**Manufacturer** Vishay Semiconductor Diodes Division  
**Category** Discrete Semiconductor Products  
     [Thyristors - SCRs](#)  
**Description** SCR MED POWER 1000V 50A TO-65  
**Package** TO-208AC, TO-65-3, Stud  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


**VS-50RIA100 Specifications**

Manufacturer Part Number	VS-50RIA100
Manufacturer	Vishay Semiconductor Diodes Division
Category	Discrete Semiconductor Products <a href="#">Thyristors - SCRs</a>
Package	TO-208AC, TO-65-3, Stud
Series	-
Voltage - Off State	1000V
Voltage - Gate Trigger (Vgt) (Max)	2.5V
Current - Gate Trigger (Igt) (Max)	100mA
Voltage - On State (Vtm) (Max)	1.6V
Current - On State (It (AV)) (Max)	50A
Current - On State (It (RMS)) (Max)	80A
Current - Hold (Ih) (Max)	200mA
Current - Off State (Max)	15mA
Current - Non Rep. Surge 50, 60Hz (Itsm)	1430A, 1490A
SCR Type	Standard Recovery
Operating Temperature	-40°C ~ 125°C
Mounting Type	Chassis, Stud Mount
Package / Case	TO-208AC, TO-65-3, Stud
Supplier Device Package	TO-208AC (TO-65)

[Report errors?](#)

## VS-50RIA100 Guarantees



### Quality Guarantees

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



### Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## VS-50RIA100 Payment Methods



## VS-50RIA100 Shipping Methods



If you have any question about VS-50RIA100, please do not hesitate to contact us!

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